

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091819\
 Data File : VU034622.D
 Acq On : 17 Sep 2019 18:02
 Operator : JC/SP
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02001

Quant Time: Sep 17 18:22:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 18:13:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	106378	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	102438	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	48302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	184021	22.24	ug/L	0.00
7) Chloroethane-d5	1.66	69	145366	21.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	321591	21.94	ug/L	0.00
20) 2-Butanone-d5	4.16	46	464679	230.04	ug/L	0.00
24) Chloroform-d	4.62	84	284421	22.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	156250	21.59	ug/L	0.00
32) Benzene-d6	5.31	84	588494	22.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	195029	21.52	ug/L	0.00
41) Toluene-d8	7.54	98	552646	21.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	81601	22.46	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	377687	236.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	157858	22.69	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	171508	20.75	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	178965	22.848	ug/L	100
3) Chloromethane	1.32	50	166903	22.527	ug/L	98
5) Vinyl chloride	1.40	62	172136	22.083	ug/L	100
6) Bromomethane	1.61	94	85556	21.998	ug/L	94
8) Chloroethane	1.68	64	101828	22.501	ug/L	98
9) Trichlorofluoromethane	1.87	101	235439	22.992	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	131941	22.917	ug/L	98
12) 1,1-Dichloroethene	2.27	96	113501	22.082	ug/L	86
13) Acetone	2.31	43	327295	204.508	ug/L	100
14) Carbon disulfide	2.46	76	297314	22.702	ug/L	98
15) Methyl Acetate	2.60	43	79501	20.327	ug/L	96
16) Methylene chloride	2.68	84	136123	19.382	ug/L	98
17) Methyl tert-butyl Ether	2.98	73	403028	22.480	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	119044	22.346	ug/L	97
19) 1,1-Dichloroethane	3.42	63	293216	22.605	ug/L	99
21) 2-Butanone	4.25	43	559665	255.168	ug/L	94
22) cis-1,2-Dichloroethene	4.20	96	160829	22.633	ug/L	94
23) Bromochloromethane	4.52	128	61715	23.840	ug/L	95
25) Chloroform	4.65	83	306968	20.781	ug/L	97
27) 1,2-Dichloroethane	5.38	62	192310	23.162	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	239771	22.831	ug/L	98
30) Cyclohexane	4.96	56	243512	21.846	ug/L	98
31) Carbon tetrachloride	5.11	117	201128	23.743	ug/L	98
33) Benzene	5.36	78	614008	22.788	ug/L	100
34) Trichloroethene	6.16	95	153547	22.880	ug/L	97
35) Methylcyclohexane	6.39	83	243873	22.392	ug/L	98
37) 1,2-Dichloropropane	6.41	63	182800	21.749	ug/L	99
38) Bromodichloromethane	6.73	83	230995	23.324	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	274837	23.662	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	1452910	232.815	ug/L	99

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42) Toluene	7.61	91	665451	22.871	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	225010	23.944	ug/L	98
45) 1,1,2-Trichloroethane	8.04	97	120746	22.828	ug/L	99
47) Tetrachloroethene	8.20	164	93343	22.962	ug/L	96
48) 2-Hexanone	8.34	43	1025834	248.242	ug/L	99
49) Dibromochloromethane	8.46	129	144361	23.398	ug/L	97
50) 1,2-Dibromoethane	8.57	107	111766	23.276	ug/L #	99
51) Chlorobenzene	9.10	112	413326	22.603	ug/L	99
52) Ethylbenzene	9.22	91	773723	23.039	ug/L	99
53) m,p-Xylene	9.35	106	278809	23.520	ug/L	98
54) o-Xylene	9.76	106	277225	23.206	ug/L	95
55) Styrene	9.77	104	476528	24.263	ug/L	99
56) Isopropylbenzene	10.14	105	756263	22.671	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	181754	23.406	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	121925	22.334	ug/L	100
61) Bromoform	9.94	173	72968	23.723	ug/L	96
62) 1,3-Dichlorobenzene	11.39	146	316288	22.968	ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	318445	23.220	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	304122	22.449	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	29768	24.827	ug/L	94
67) 1,3,5-Trichlorobenzene	12.86	180	214617	24.107	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	188583	27.408	ug/L	98
69) Naphthalene	13.72	128	430255	25.134	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	169187	25.874	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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